

Air Force Civil Engineer Center

Integrity - Service - Excellence



**NJMAC: Nevada Test and
Training Range (NTTR)
Land Withdrawal**

**Air Force Civil Engineer
Center**

11 August 2016

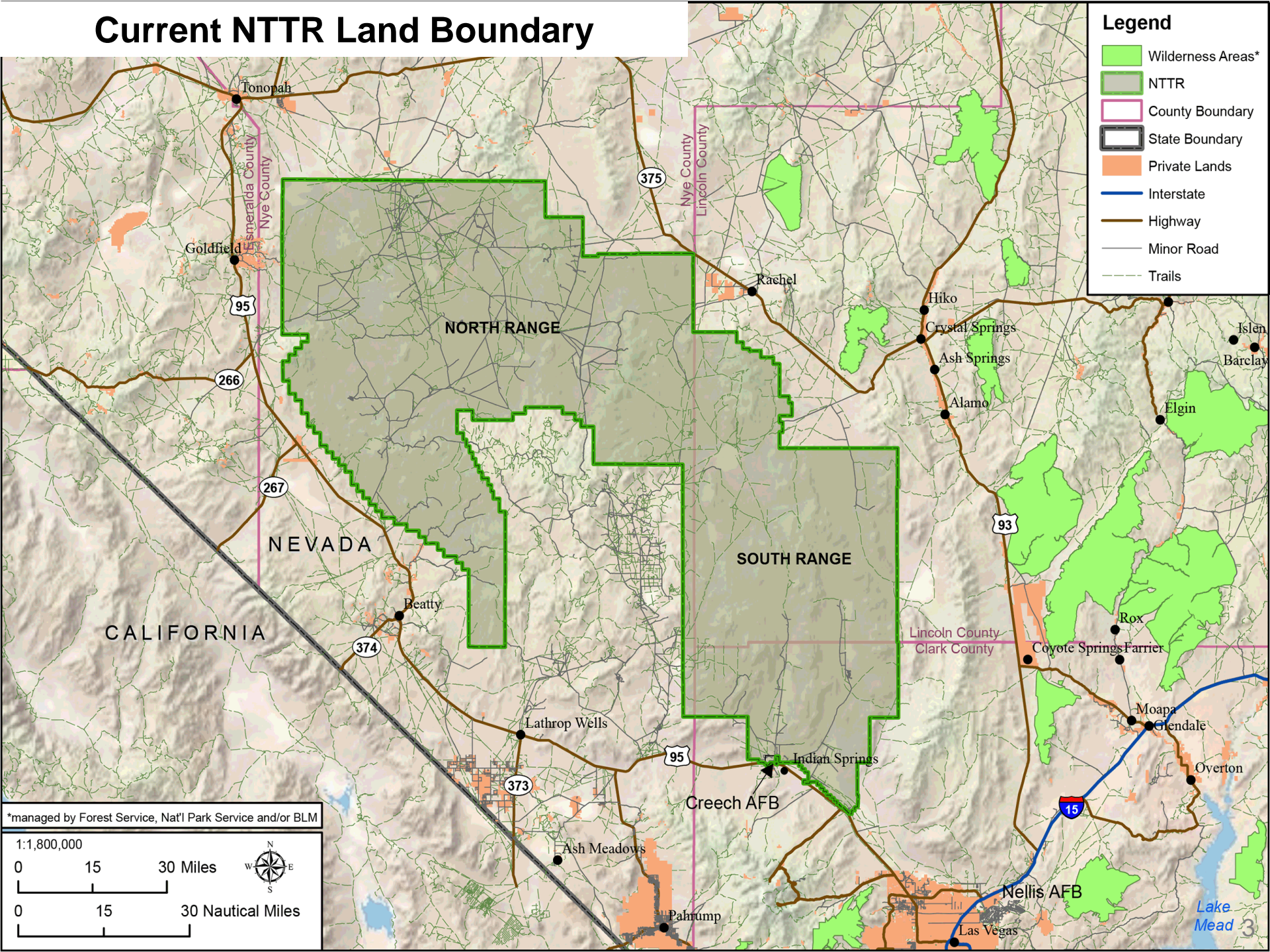


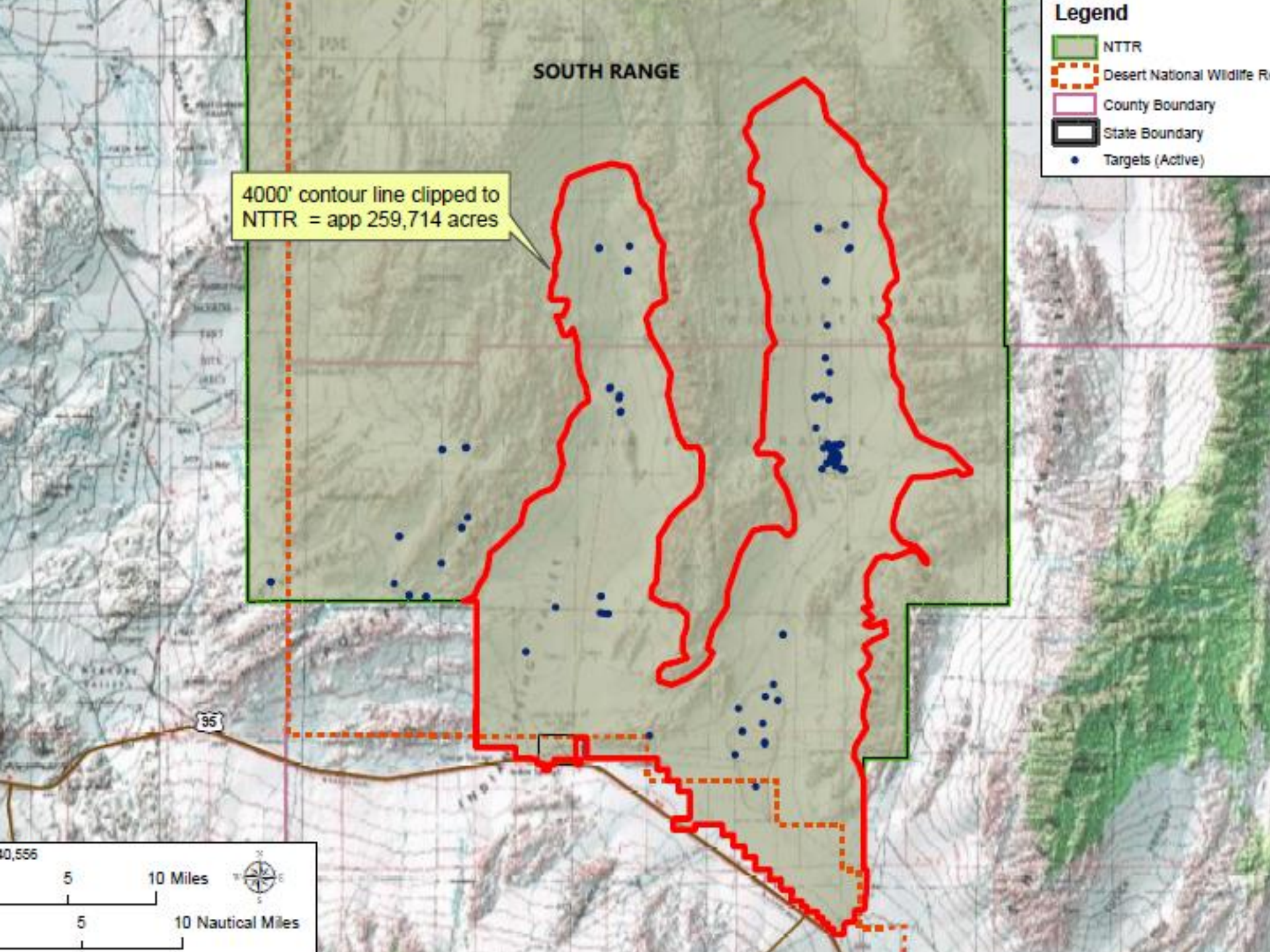
Purpose of Meeting

- **Provide NJMAC partners and NV State Agencies with Information regarding:**
 - **Air Force Proposed Nevada Test and Training Range (NTTR) Land Withdrawal Extension**
 - **Proposed NTTR Land Withdrawal Expansion**
- **Discuss the Legislative EIS Process**
- **Discuss Proposed Alternatives**



Current NTTR Land Boundary







Air Force Requirements

■ Training

- NTTR hosts “Red Flag” exercises (Major Force on Force Air Maneuvers)
- NTTR provides a training venue for the modernized fleet (F-35s etc.)
- NTTR is the Air Forces premier range for Tactics Development and Evaluations
- NTTR provides a testing and training environment for the Air Force, DoD services, and non-DoD agencies





Air Force Land Withdrawal Needs

- **LEIS alternatives address 3 primary areas of need all designed to ensure adequate test and training capacity now and into the future:**
 - **Increase Major Combat Operations capability and alleviate scheduling conflicts**
 - **Enhance Irregular Warfare test/training capability**
 - Development of insertion and extraction points
 - Overland navigation
 - Unmanned Aerial Systems coordinated efforts with overland navigation
 - **Increase NTTR operational security and safety**



Warfare Environments

- **Major Combat Operations**
 - Large WWII scale battles such as D-Day
 - Desert Storm
 - “Red Flag” Exercises
- **Irregular Warfare**
 - Vietnam, Iraq and Afghanistan
 - Small Units such as Special Operations
 - Insertion and extraction activities; overland navigation
 - Integrated use of Remotely Piloted Aircraft





Testing Environment

■ Test and Evaluation

- Advanced threat systems i.e. radars, threat emitters, etc.
- Provides combat-representative inert and live targets for a variety of aircraft
- Infrastructure available to measure critical Time-Space-Position Information
- Ability to get feedback to weapon system developers and pilots





Why NTTR?

- **Location is one of the few with a large amount of dedicated restricted military airspace**
- **Replication of NTTR infrastructure would cost up to \$4 Billion**

Five-hour Snapshot of all U.S. Commercial Air Traffic

NTTR



NTTR Land Withdrawal Potential Alternatives

Potential Alternative 1 – Extend Existing Land Withdrawal and Management of NTTR (2,949,603 acres) – Status Quo

Potential Alternative 2 – Extend Existing Land Withdrawal and Provide Ready Access in South Range (Open 714,000 acres in South Range to some military training)

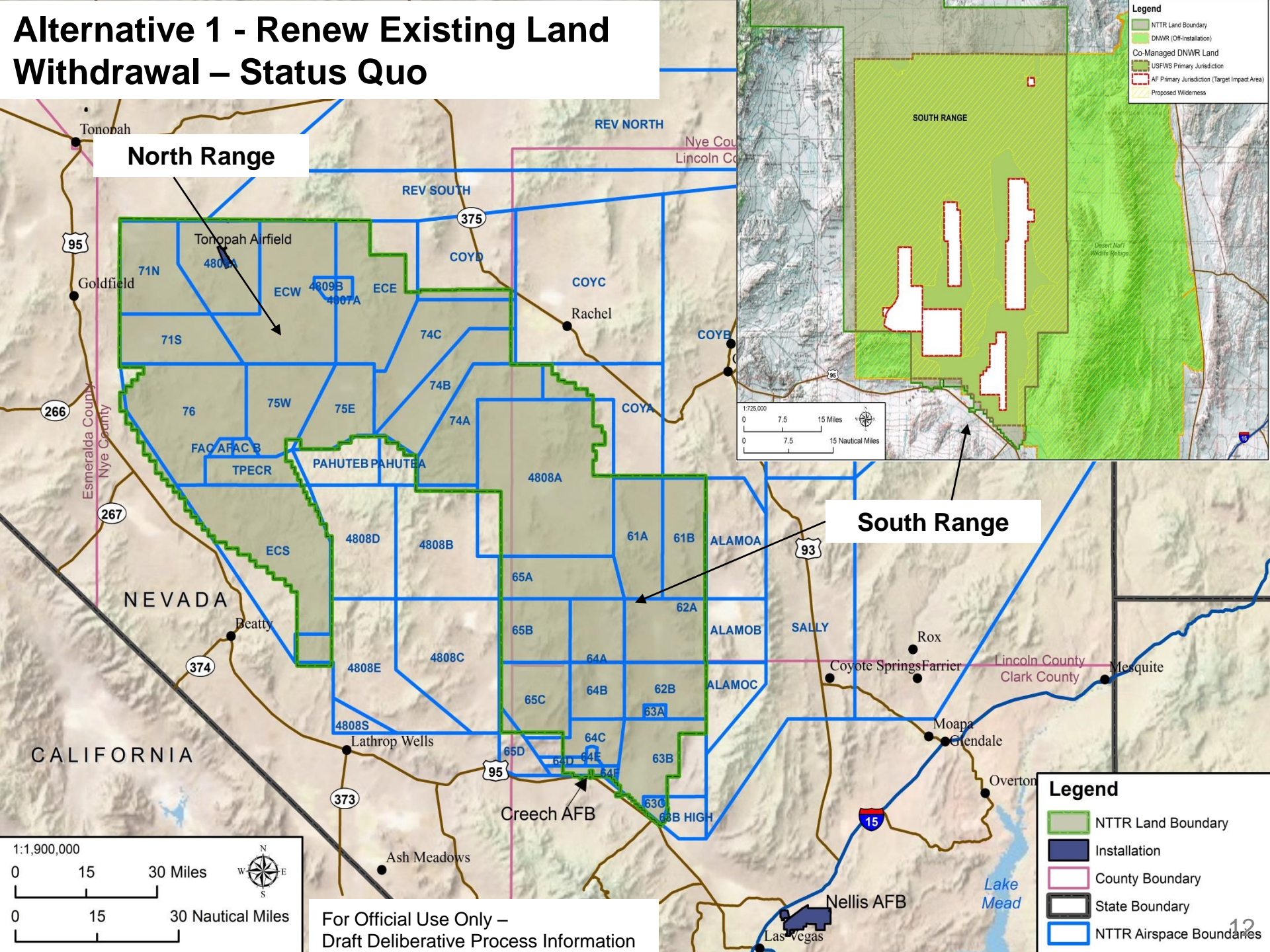
Potential Alternative 3 – Expand Existing Withdrawal of Public Lands for the NTTR (maximum new withdrawal 301,507 acres)

- ***Alternative 3A – Range 77 – Electronic Combat (EC) South Withdrawal***
- ***Alternative 3B – Enhance Operational Security and Safety 64C/D and 65D Expansion***
- ***Alternative 3C – Alamo Withdrawal***

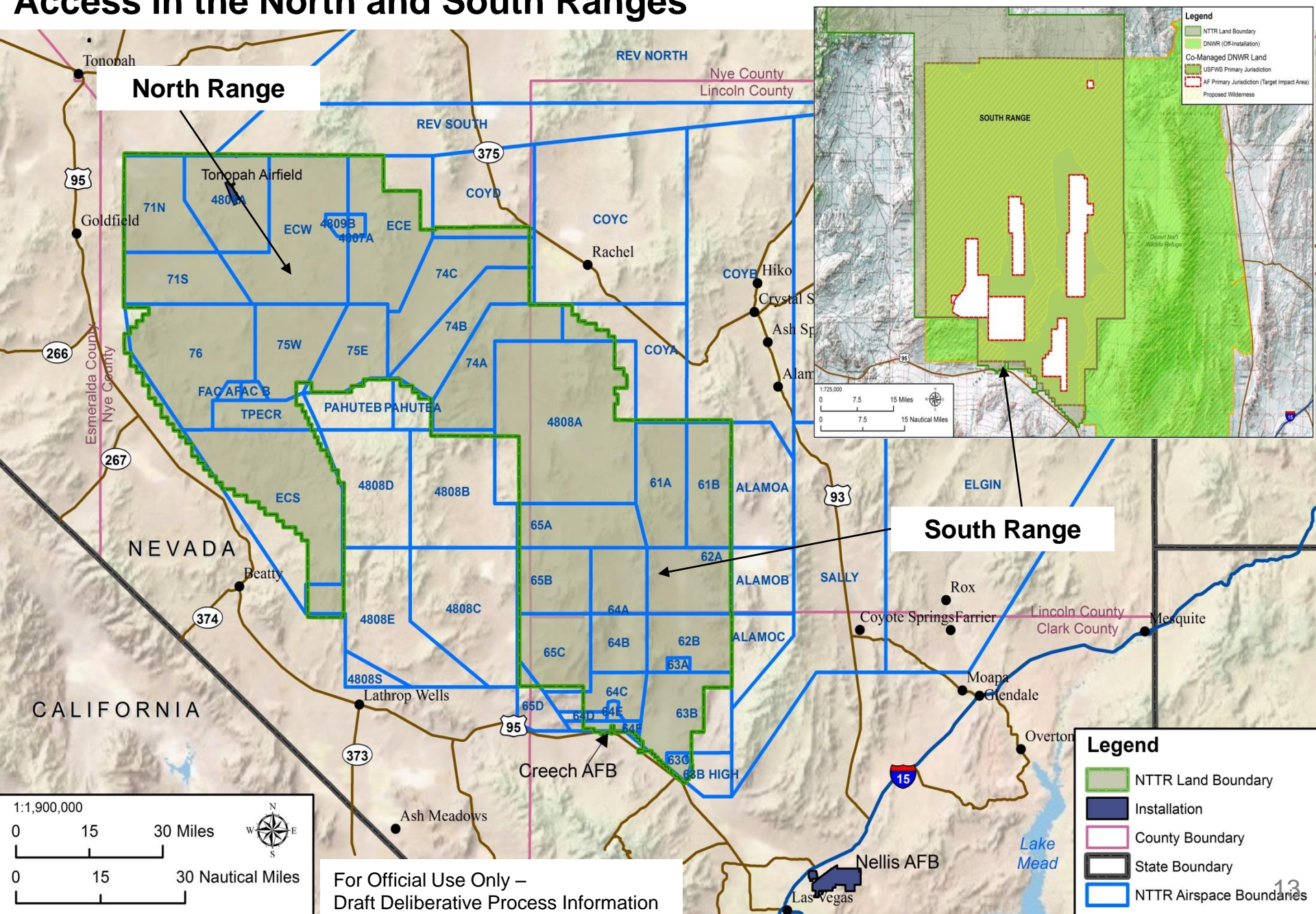
Potential Alternative 4 – Establish the Period of Withdrawal

- ***20 year, 50 year or indefinite withdrawal***

Alternative 1 - Renew Existing Land Withdrawal – Status Quo



Alternative 2 - Extend Existing Land Withdrawal and Provide Ready Access in the North and South Ranges

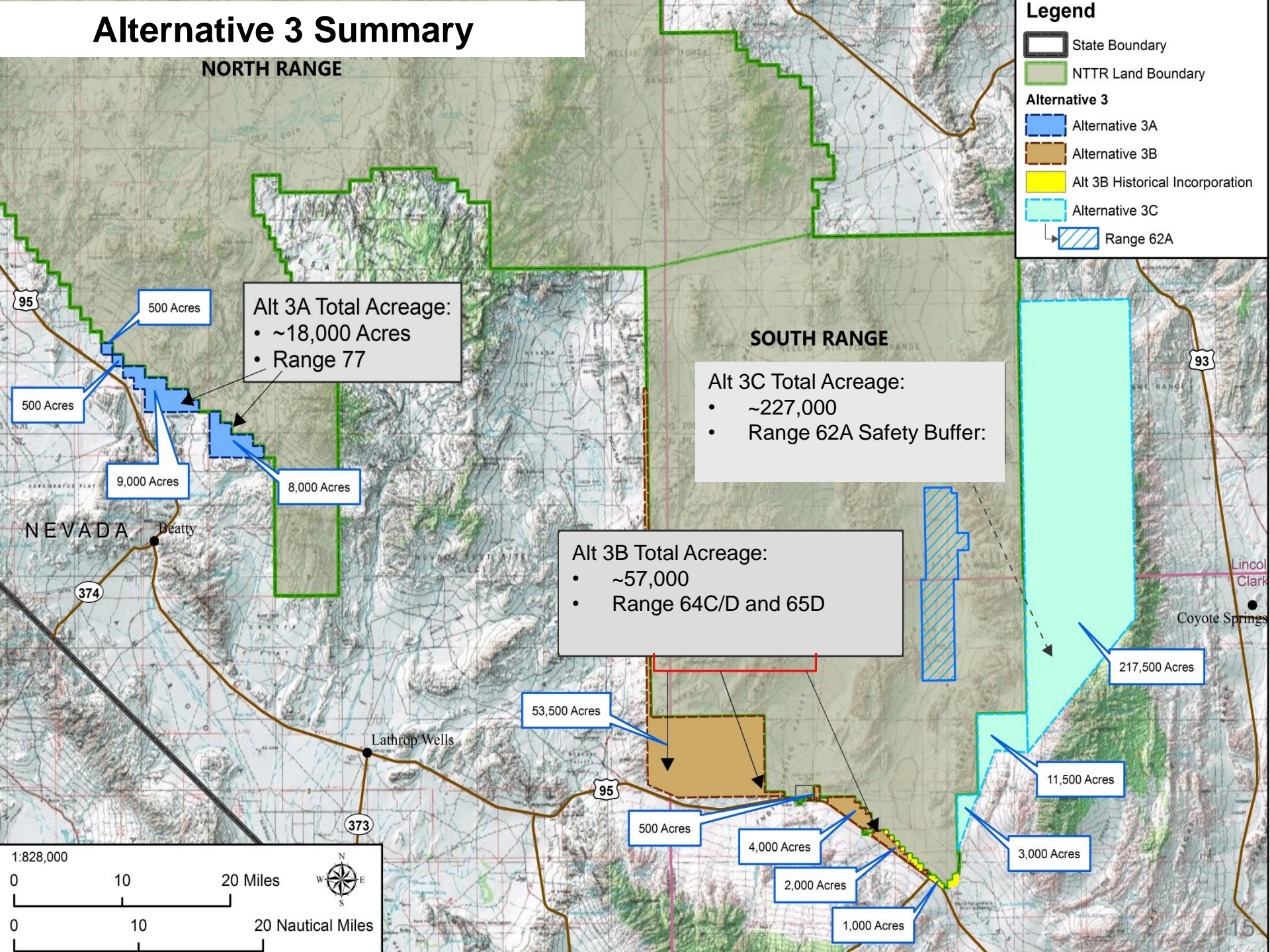




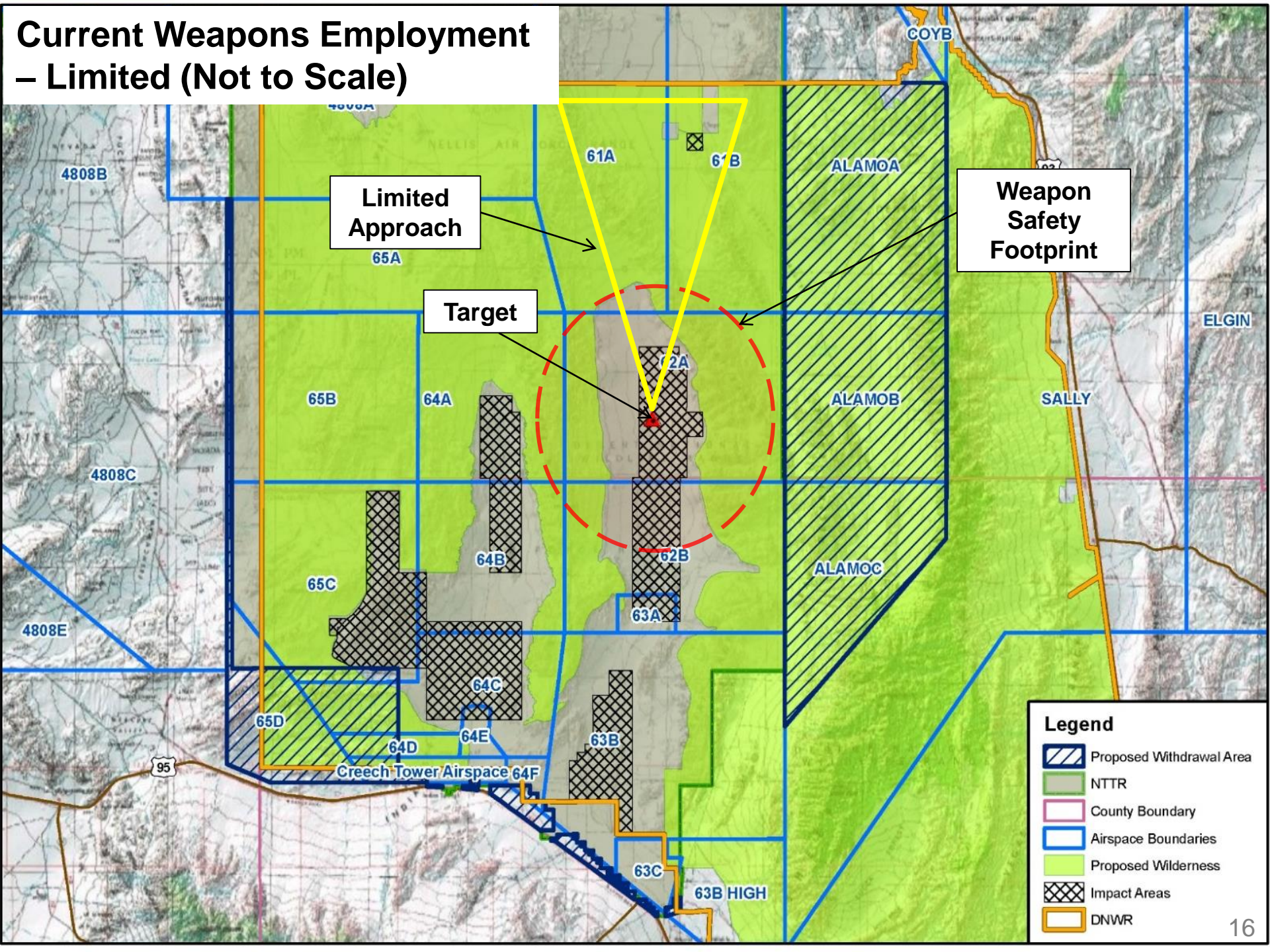
Potential Alternative 3 – Expand Existing Withdrawal of Public Lands for the NTTR

- Includes current NTTR boundary, plus various options for up to 301,507 acres (maximum) of additional lands
- Three potential sub-alternatives that include ready access:
 - ***Alternative 3A – Range 77 – EC South Withdrawal***
 - EC South area would be redesignated as “Range 77”
 - Increase the NTTR boundary by approximately 18,000 acres to add buffer to the safety footprint of Range 77
 - No construction disturbance or munitions use would occur in this proposed withdrawal area
 - ***Alternative 3B – Enhance Operational Security and Safety 64C/D and 65D Expansion***
 - Withdraw approximately 57,000 acres along southeastern NTTR border
 - Administrative incorporation of approximately 1,000 acres not included in the original withdrawal (historical incorporation)
 - ***Alternative 3C – Alamos Withdrawal (approx. 227,000 acres)***

Alternative 3 Summary



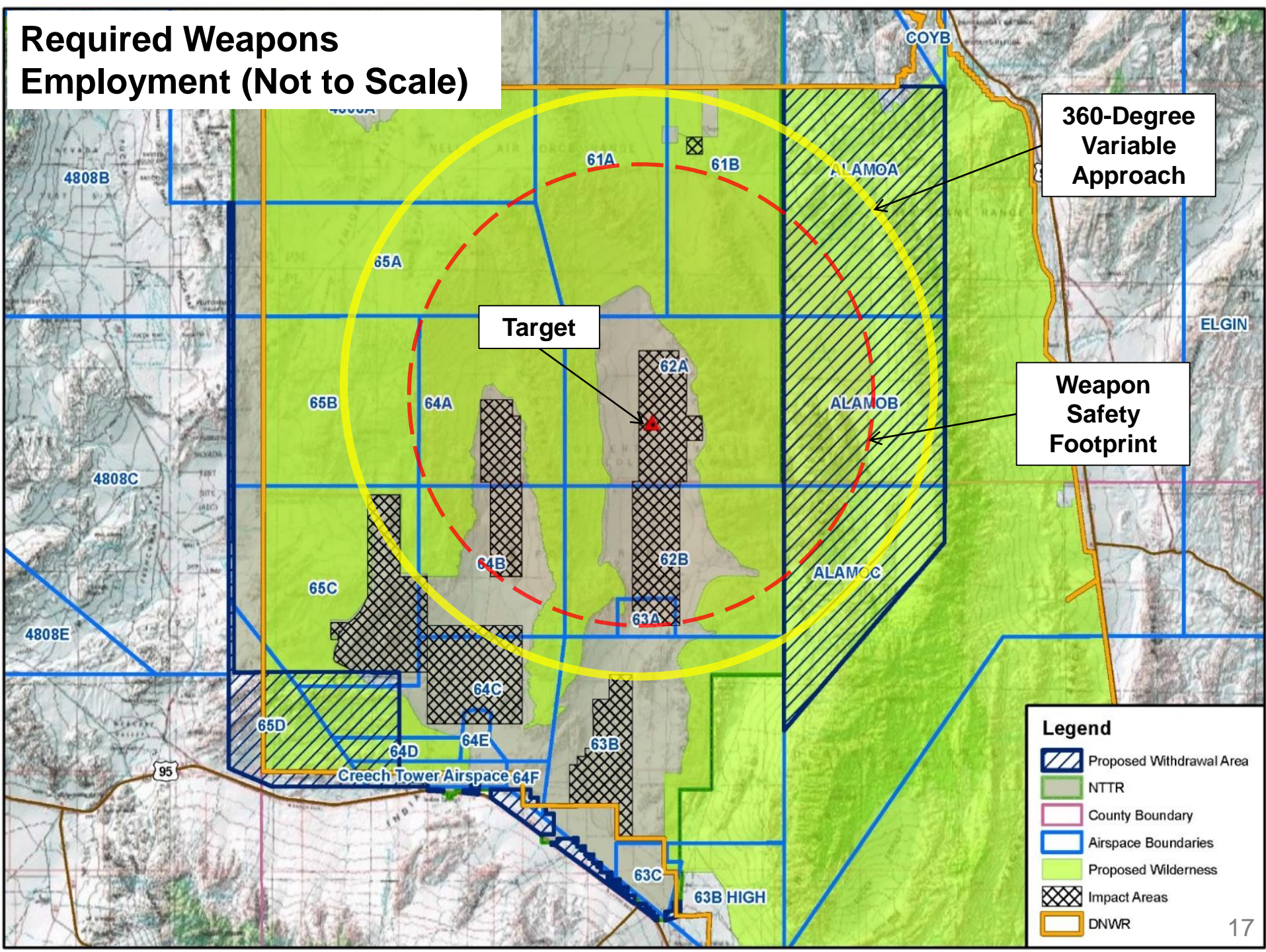
Current Weapons Employment – Limited (Not to Scale)



Legend

- Proposed Withdrawal Area
- NTTR
- County Boundary
- Airspace Boundaries
- Proposed Wilderness
- Impact Areas
- DNWR

Required Weapons Employment (Not to Scale)





Potential Alternative 3C – Alamos Withdrawal

- **Request the withdrawal of Desert National Wildlife Range under the Alamos airspace of approximately 227,000 acres**
- **Provides safety buffers associated with target areas in existing South Range (Range 62A); no new target impact areas would be proposed**
- **Potential future uses include:**
 - **Establishment of radar emitter sites**
 - 150 foot x 150 foot pads
 - Some road access
 - Radars
 - **Landing strip(s)**
 - Approximately 13 acres
 - Used for C-130 aircraft
 - Some road access
 - **Ground training**
 - Small units (up to 12 personnel)
 - Blank munitions
 - Wheeled vehicles (roads/trails only)





Potential Environmental Resource Impacts Analyses

- **Air Quality**
- **Airspace Use and Management**
- **Biological Resources**
- **Cultural Resources**
- **Earth Resources**
- **Hazardous Materials and Solid Wastes**
- **Health and Safety**
- **Land Use**
- **Noise**
- **Socioeconomics**
- **Water Resources**
- **Wilderness and Wilderness Study Areas**



LEIS Analysis

- **Currently there are no specific ground-disturbing activities being proposed within the LEIS**
- **The LEIS is programmatic in nature**
- **If Congress were to withdraw additional lands for military use in 2021, site-specific planning for activities would then commence**
- **Alternatives will allow Congress/decision-makers to combine and select different components of the alternatives structure for maximum flexibility**



Anticipated LEIS Major Milestone Schedule

- **26 Aug 2016: Public notice of LEIS effort (scoping)**
- **12-20 Oct 2016: Public Scoping Meetings**
- **Fall 2016: Phase I Cultural Surveys**
- **Nov 2017: Draft LEIS released to public**
- **Jan 2018 to Feb 2018: Public hearings**
- **Aug 2018: Final LEIS released to public**
- **Oct 2018: Final case file/application package ready for submission**



NTTR Land Withdrawal

Questions?



Native American Coordination

- **The Air Force is coordinating with seventeen tribes; Presented AF needs overview in November 2015**
- **G2G tribal request letters distributed in summer 2016**
- **Tribal Meetings**
 - **Met with the Consolidated Group of Tribes and Organizations (CGTO) in November 2015**
 - **Bishop Paiute Tribe (25 April 2016)**
 - **Ely Shoshone Tribe (26 April 2016)**
 - **Mojave and Chemehuevi Tribe (28 April 2016)**
 - **Las Vegas Paiute Tribe (29 April 2016)**